

FIG. 1  
(Prior Art)

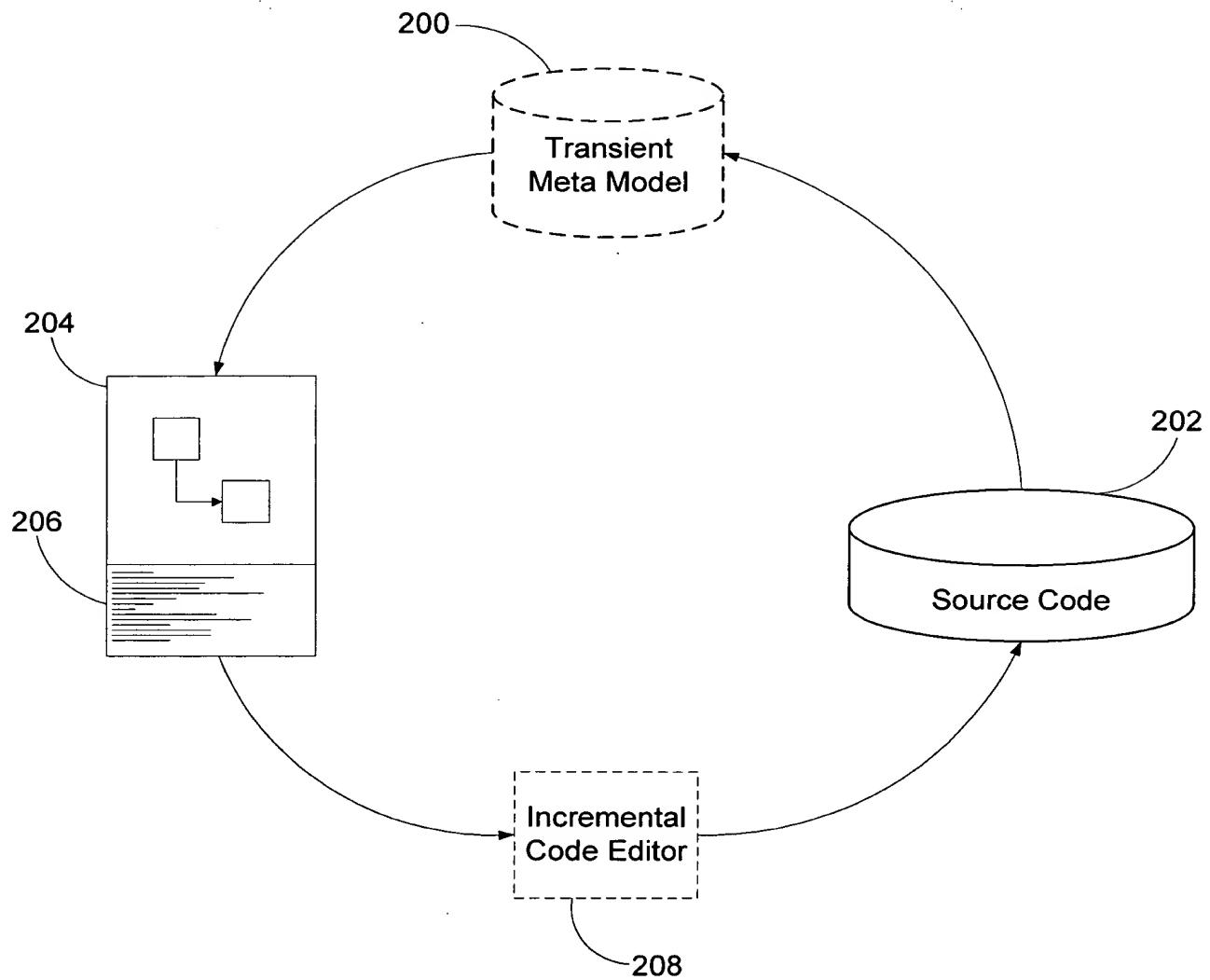
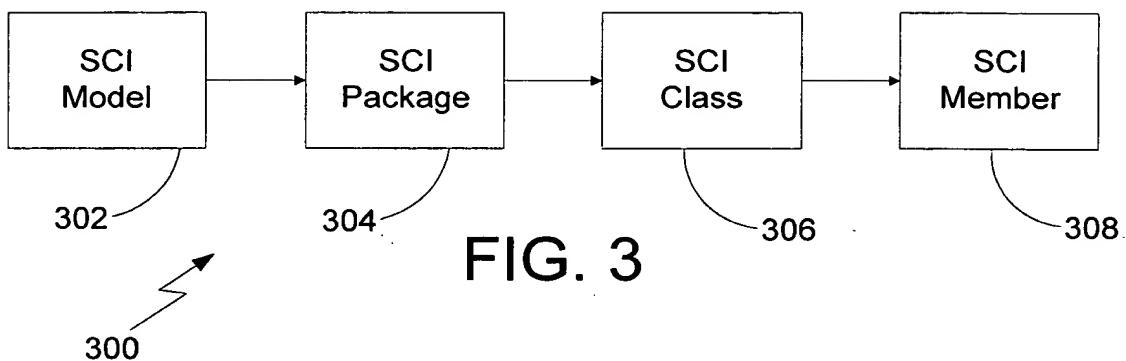
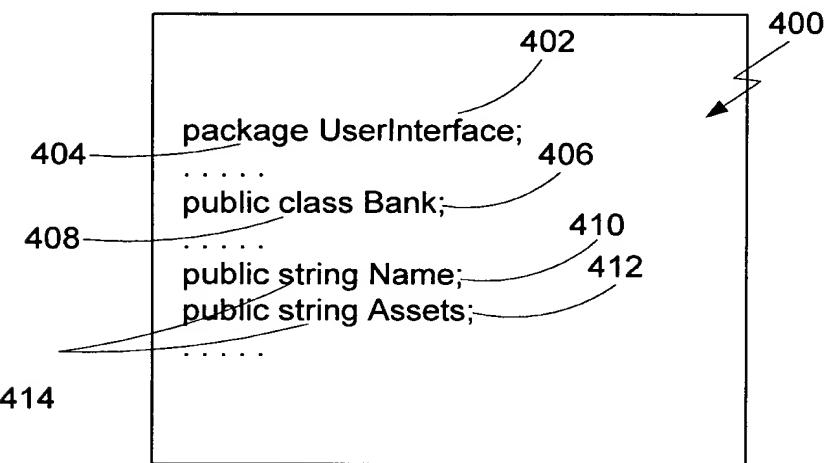


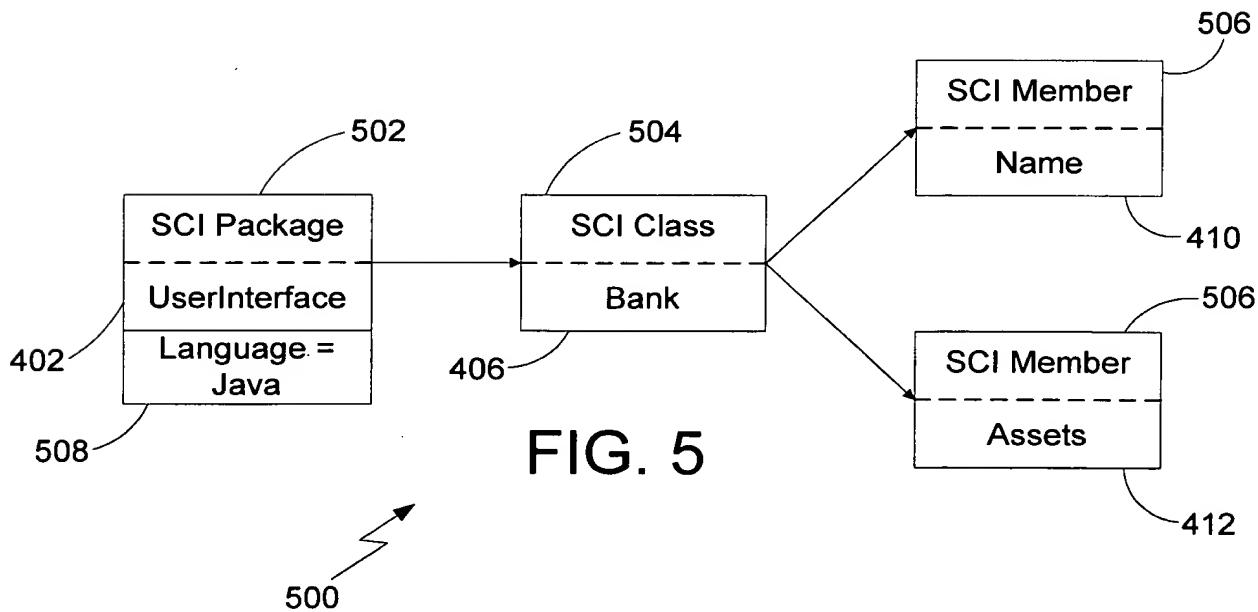
FIG. 2



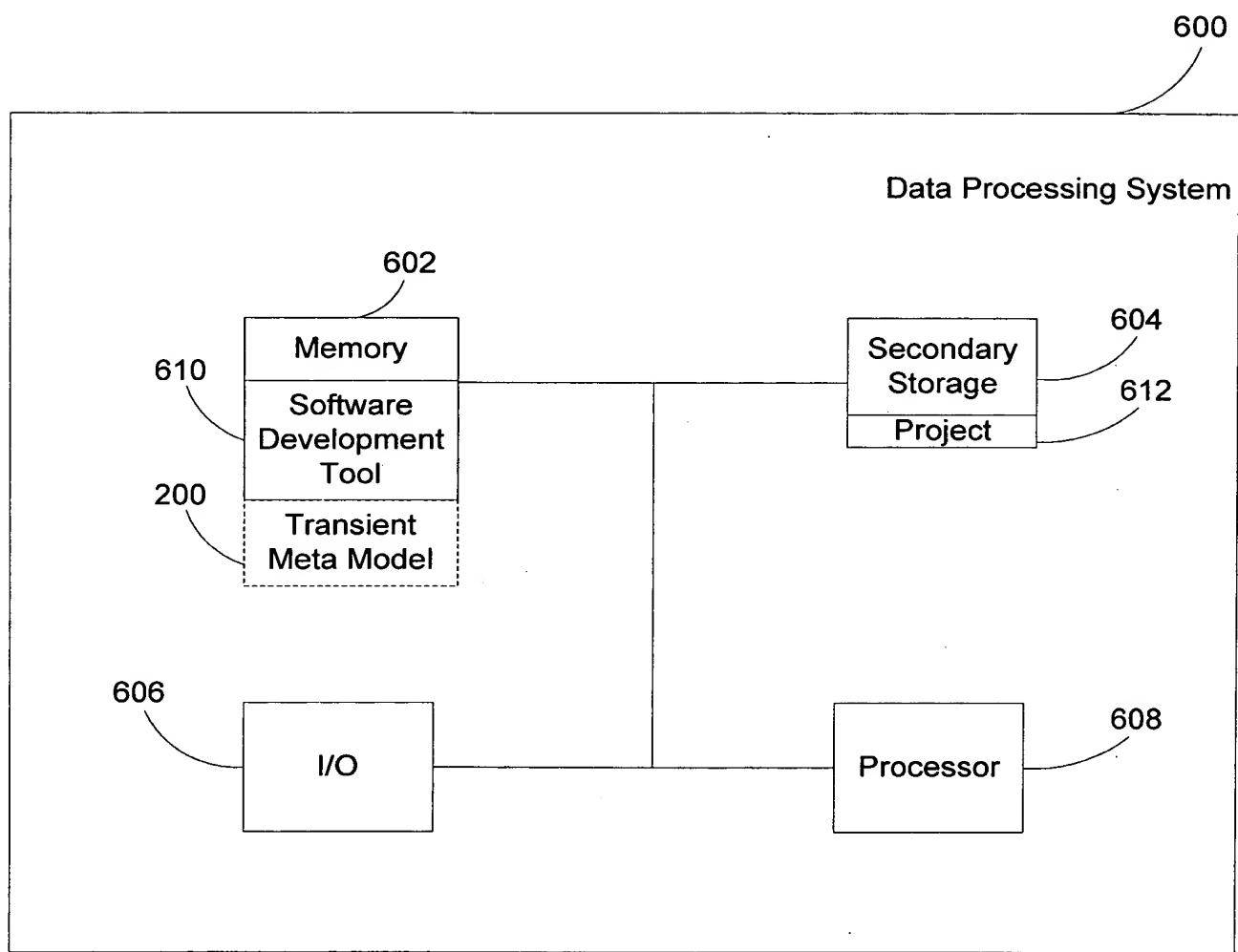
**FIG. 3**

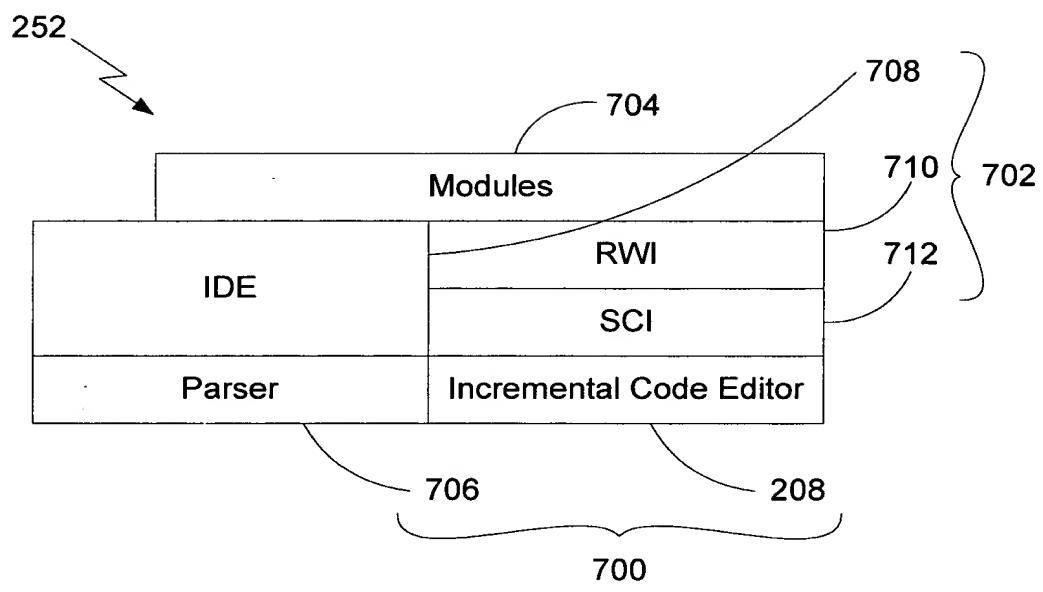


**FIG. 4**



**FIG. 5**





**FIG. 7**

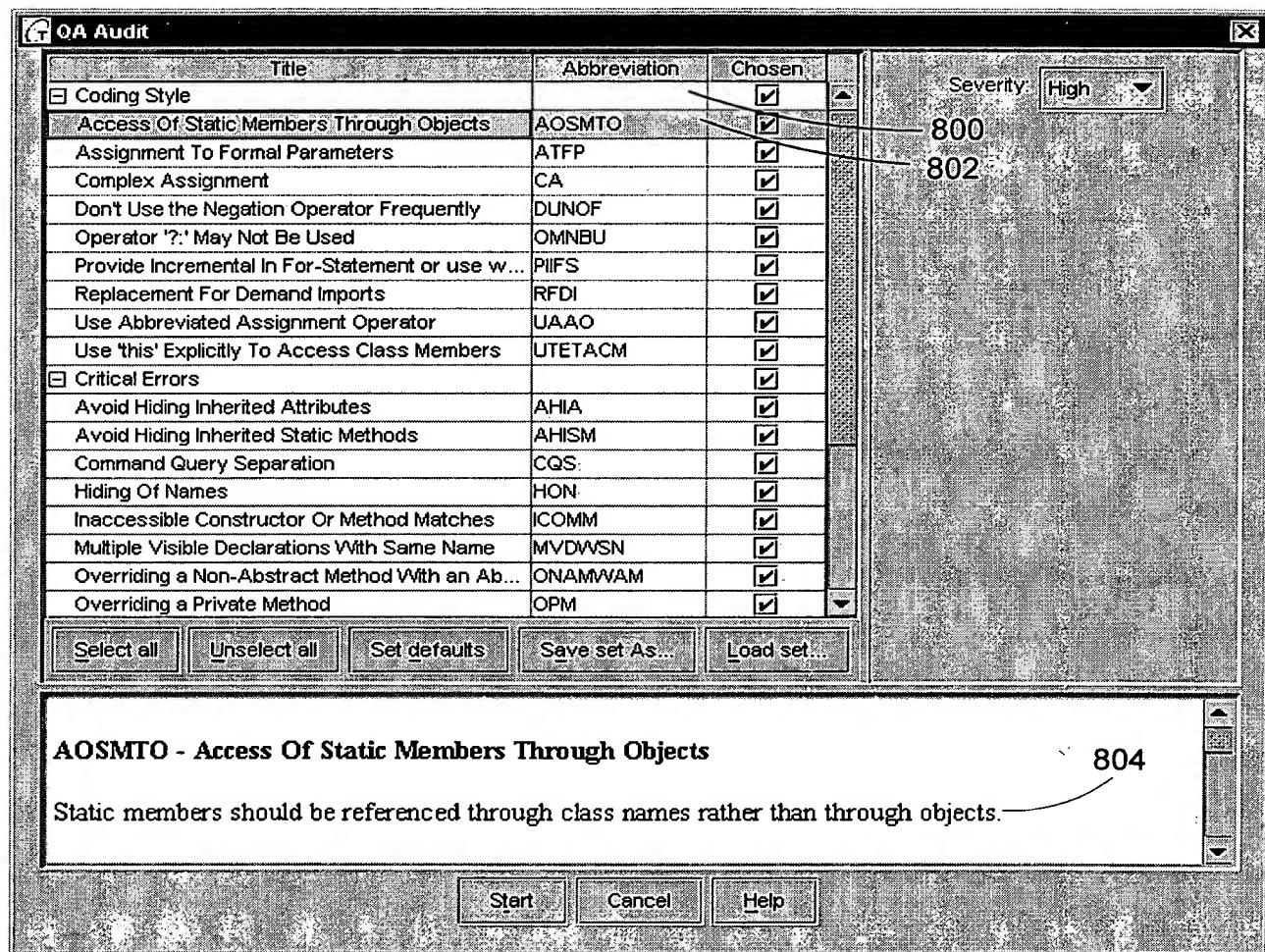


FIG. 8A

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OA Audit

Title	Abbreviation	Chosen	Severity
Complex Assignment	CA	<input checked="" type="checkbox"/>	Normal
Don't Use the Negation Operator Frequently	DUNOF	<input checked="" type="checkbox"/>	
Operator '?' May Not Be Used	OMNBU	<input checked="" type="checkbox"/>	
Provide Incremental In For-Statement or use w...	PIFS	<input checked="" type="checkbox"/>	
Replacement For Demand Imports	RFDI	<input checked="" type="checkbox"/>	
Use Abbreviated Assignment Operator	UAAO	<input checked="" type="checkbox"/>	

Select all   Unselect all   Set defaults   Save set As...   Load set...

**CA - Complex Assignment**

Checks for the occurrence of multiple assignments and assignments to variables within the same expression. Too complex assignments should be avoided since they decrease program readability.

**Wrong**

```
// compound assignment
i *= j++;
k = j = 10;
l = j += 15;
// nested assignment
i = j++ + 20;
i = (j = 25) + 30;
```

**Tip:** Break statement into several ones.

Start   Cancel   Help

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810

FIG. 8B

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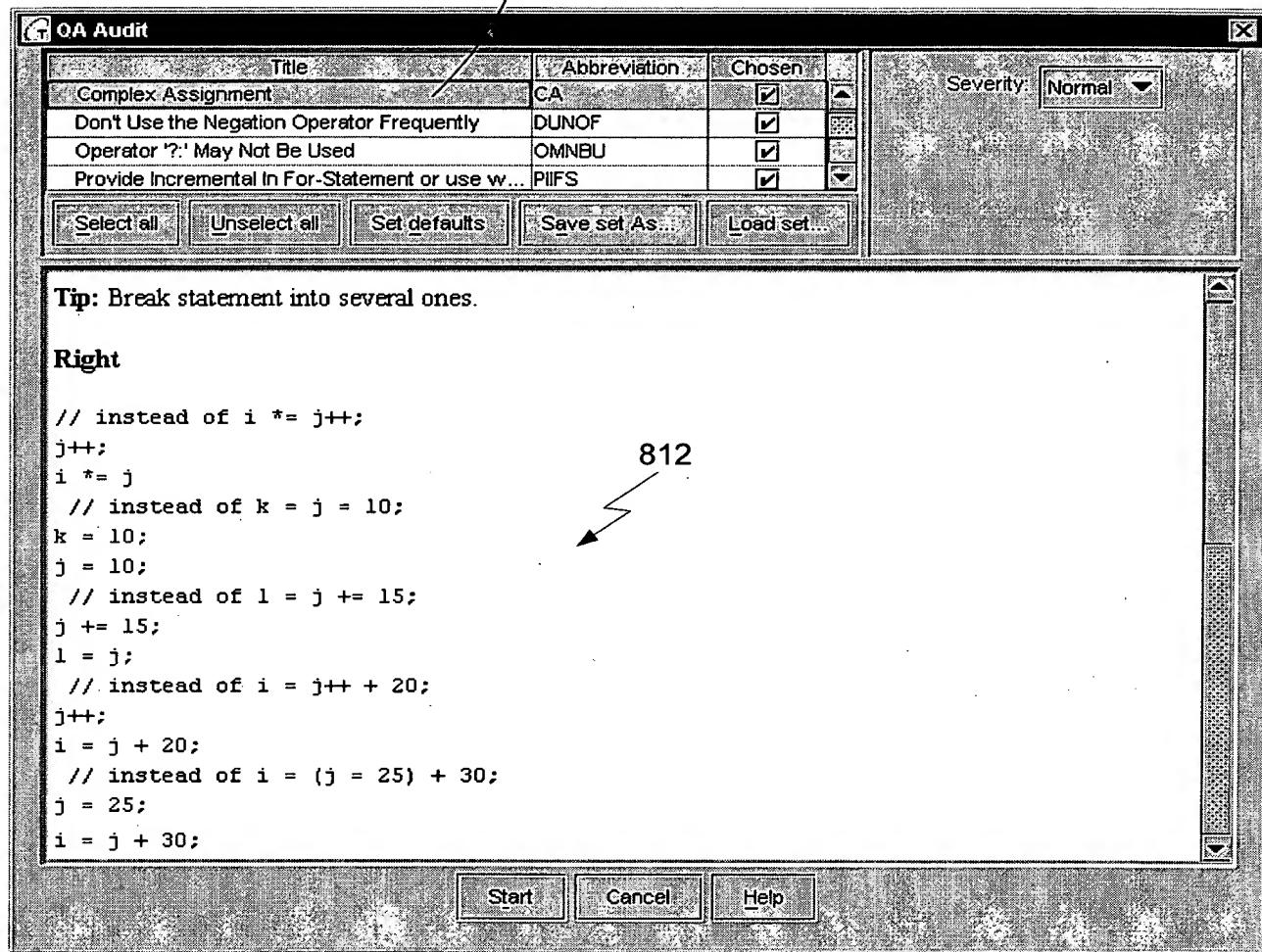


FIG. 8C

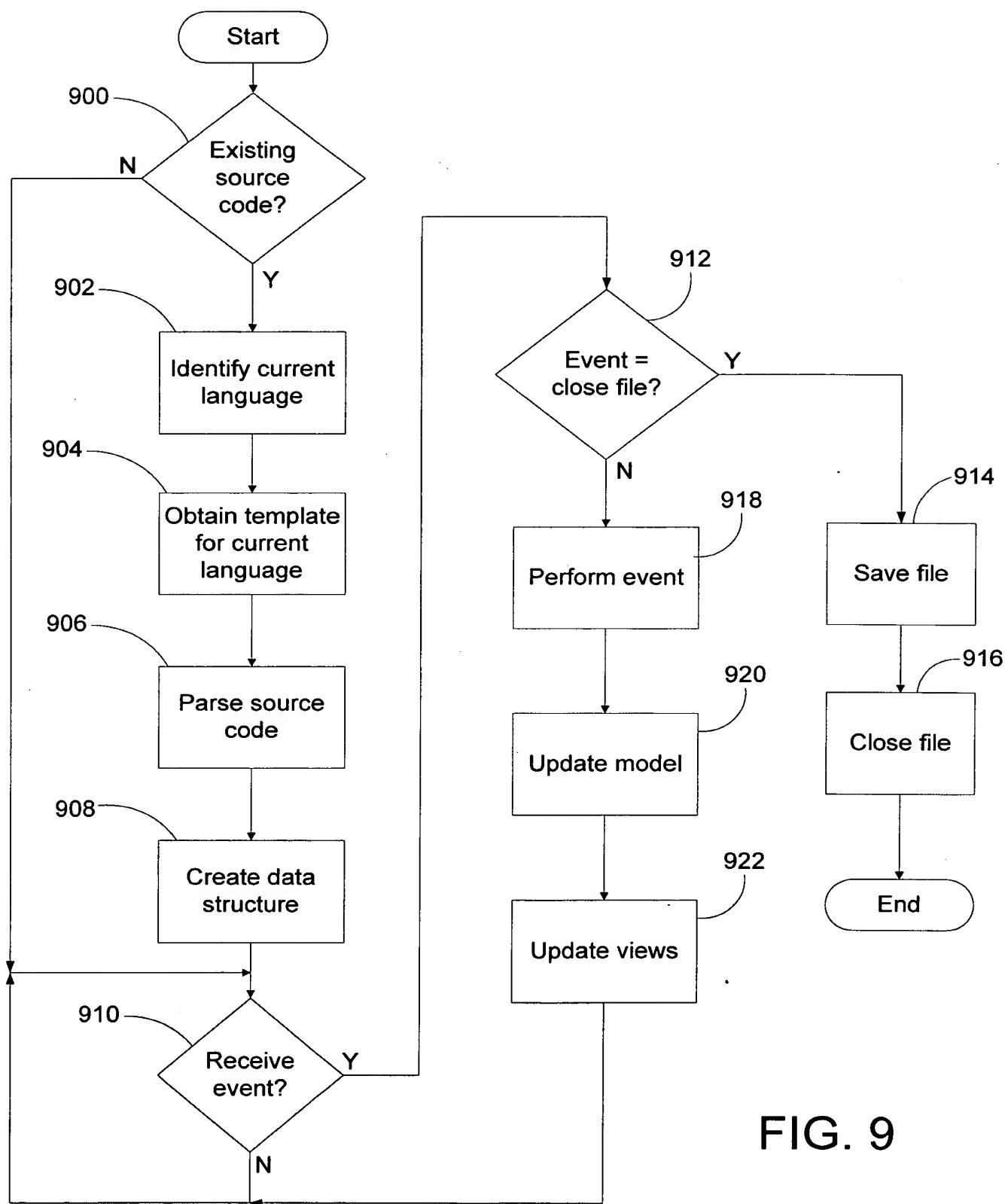


FIG. 9

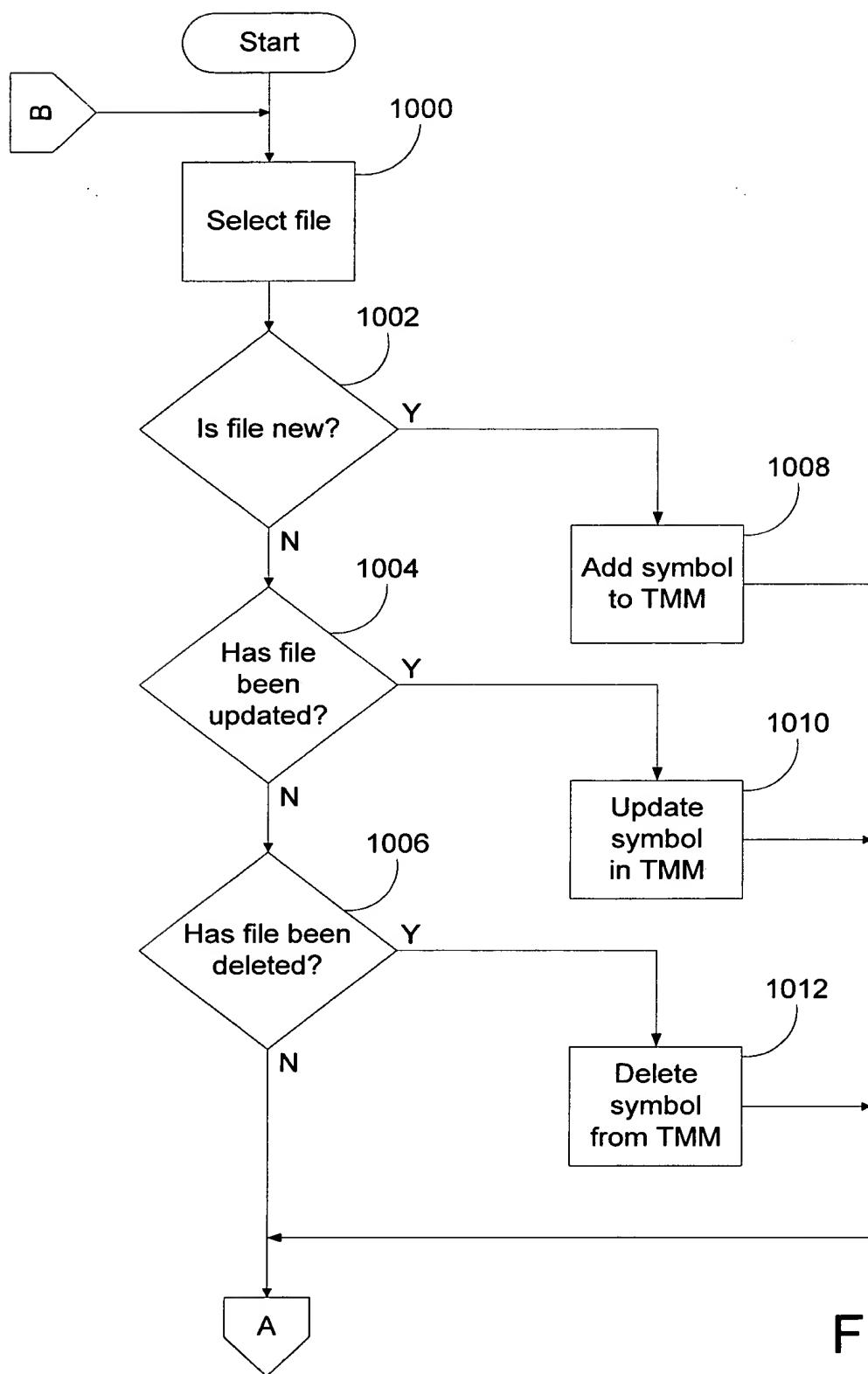


FIG. 10A

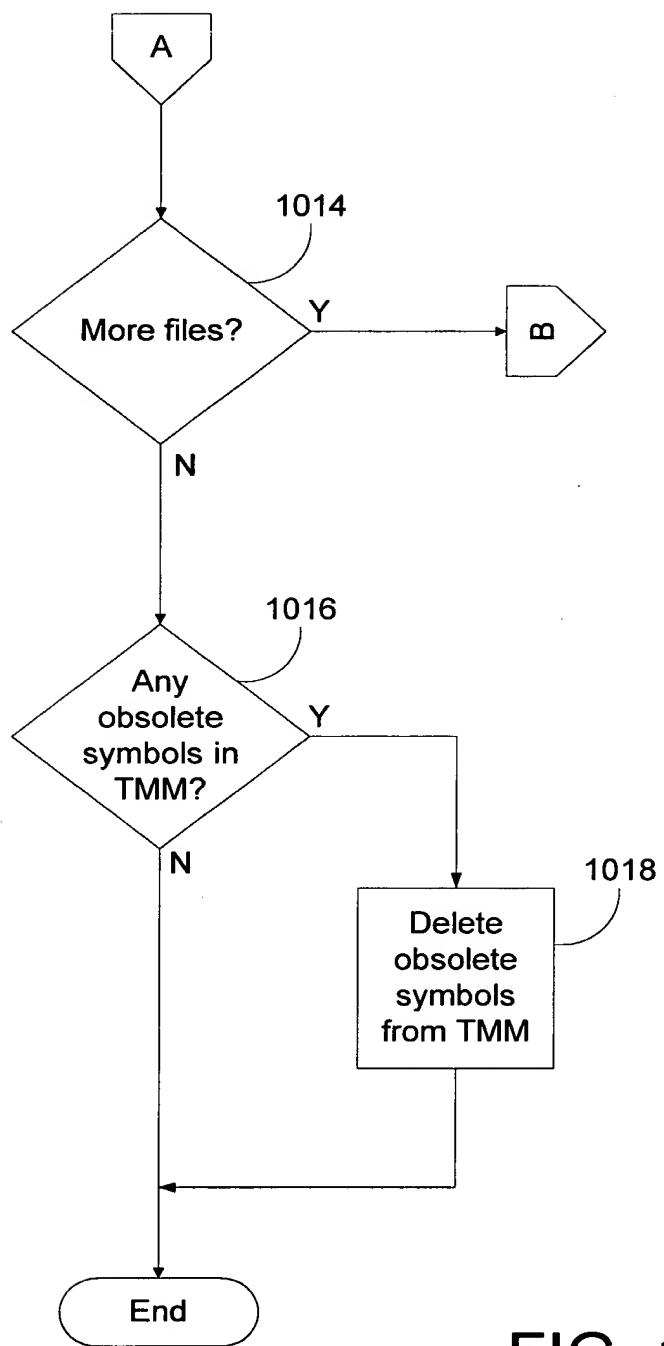


FIG. 10B

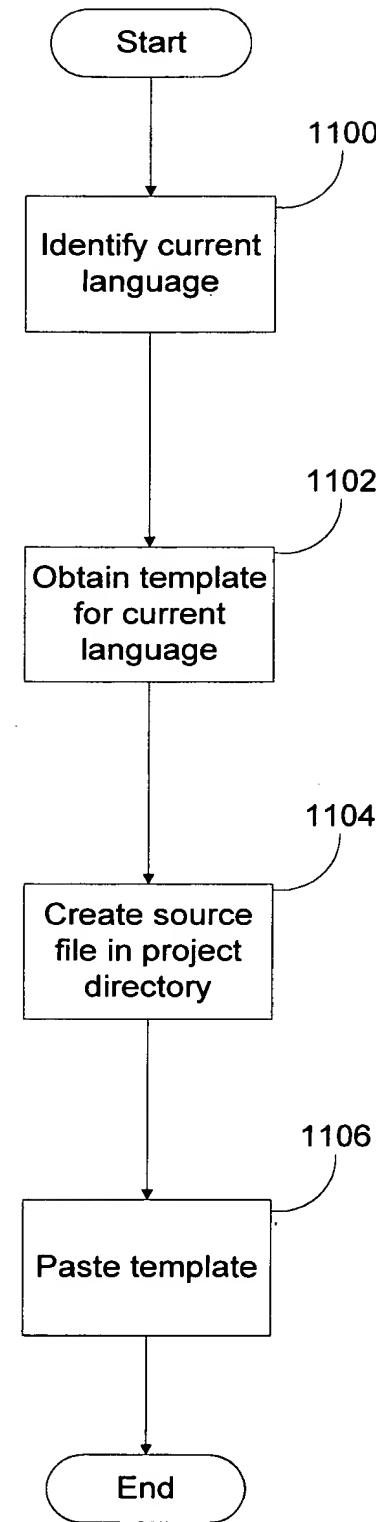


FIG. 11

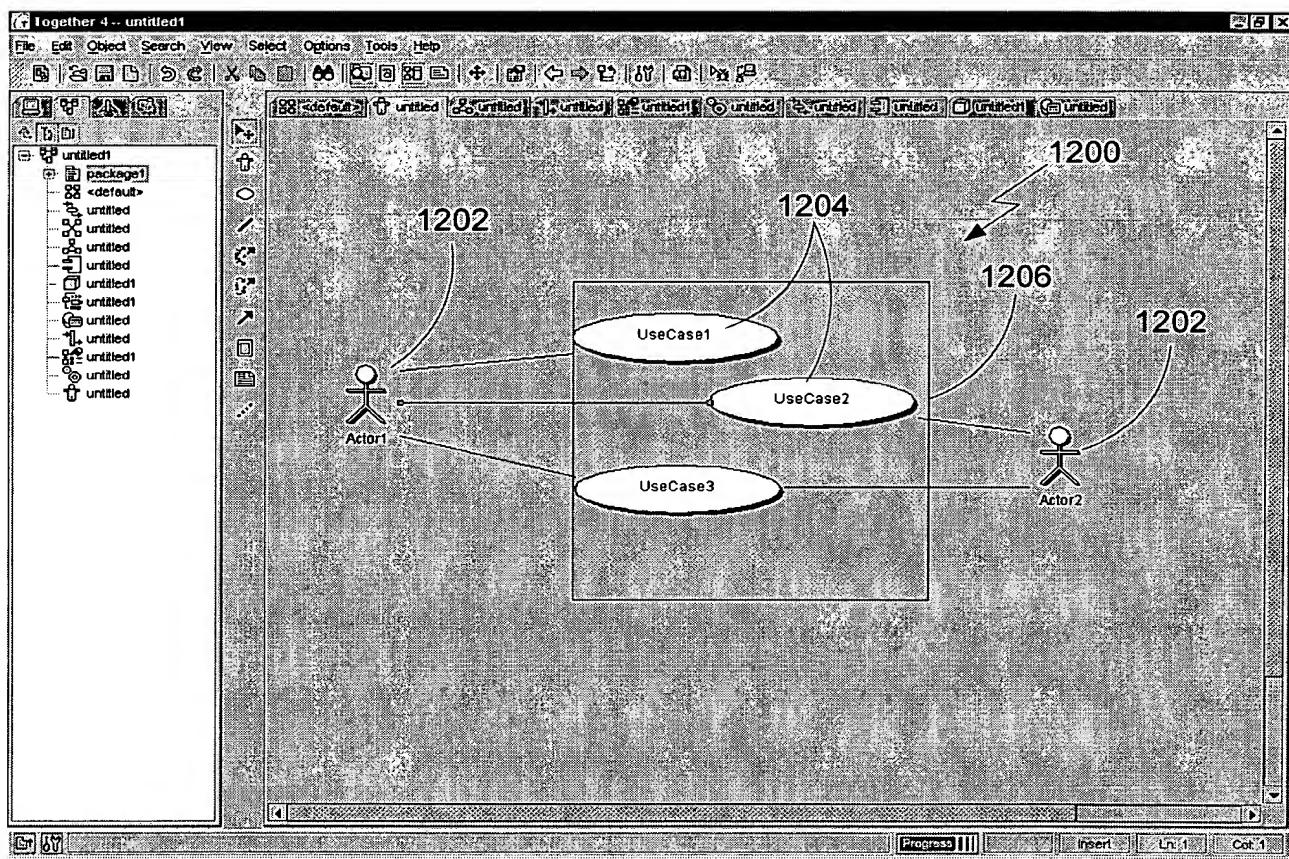


FIG. 12

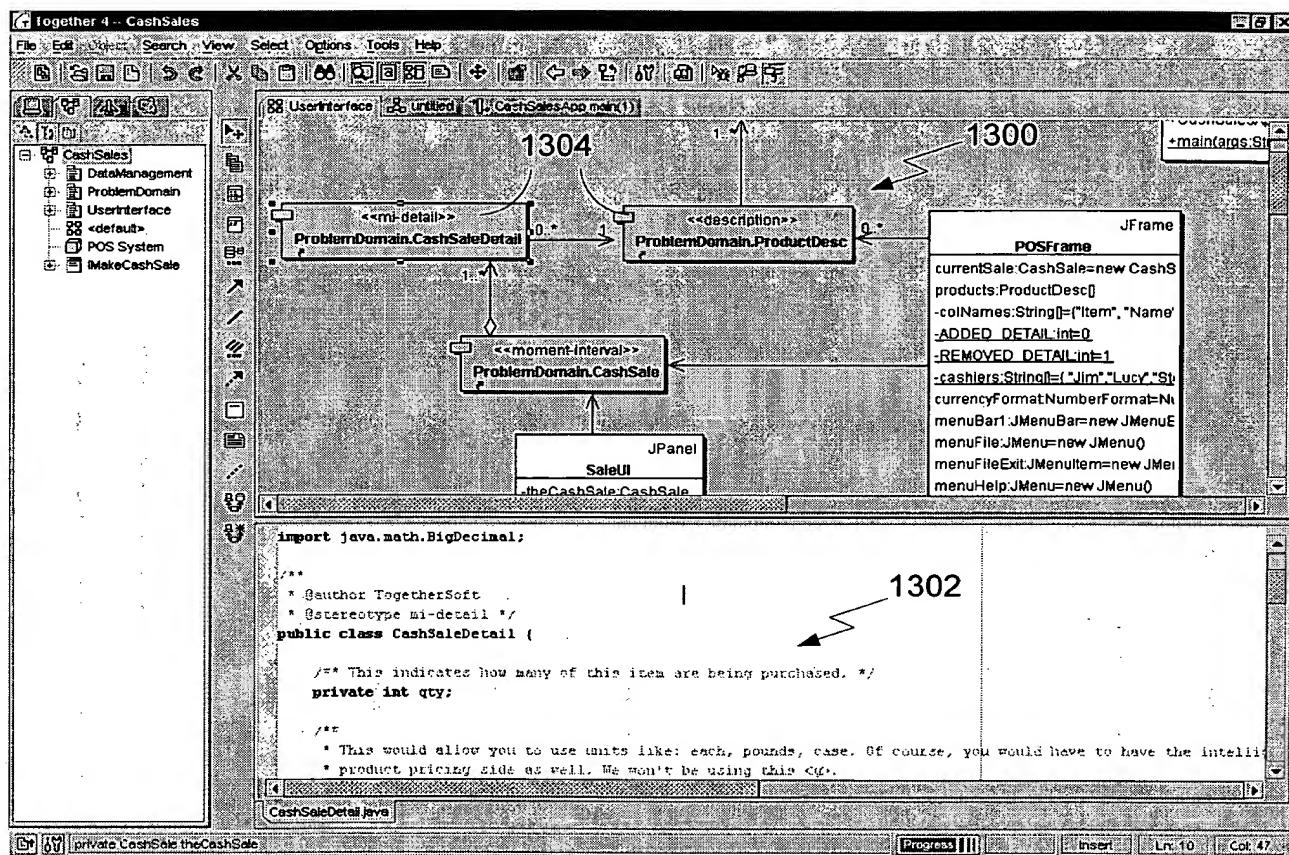


FIG. 13

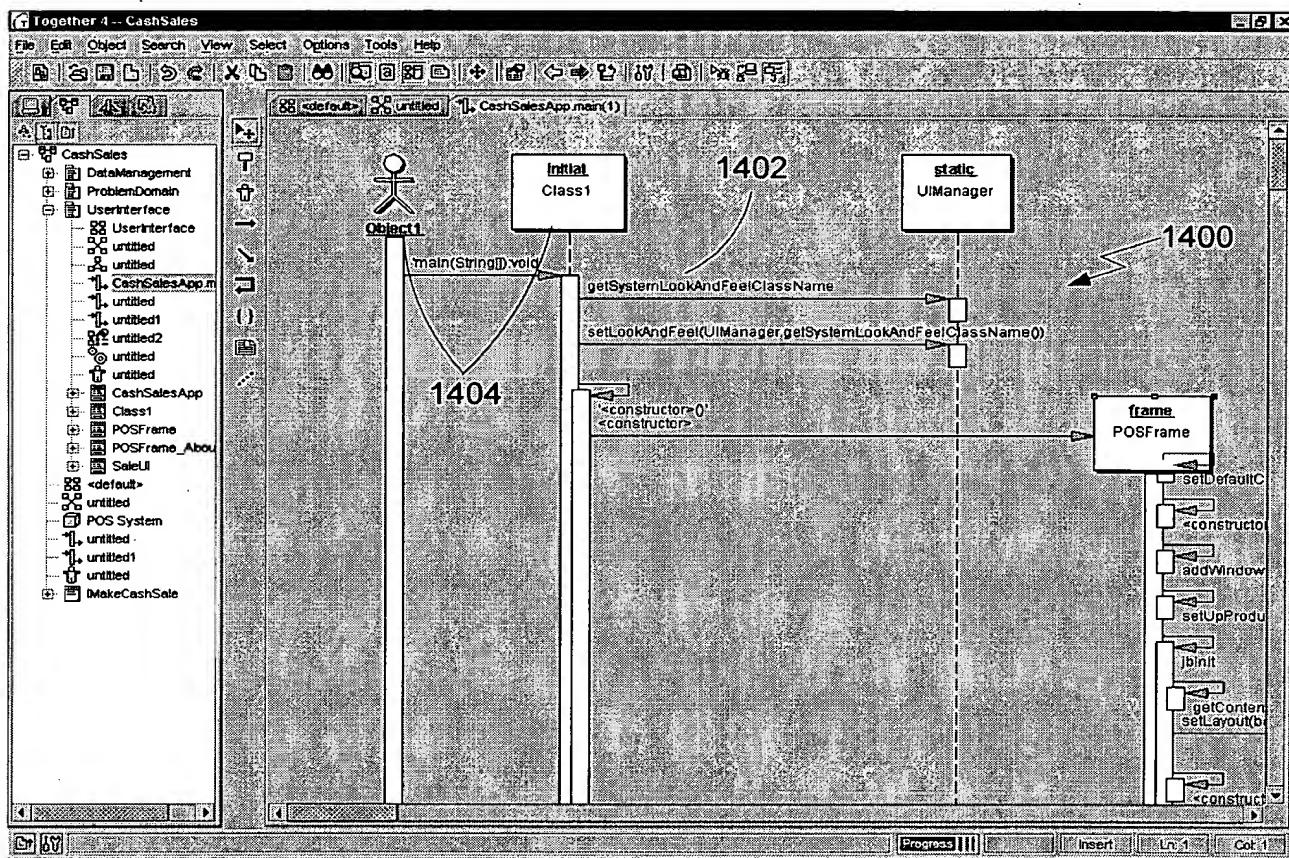


FIG. 14

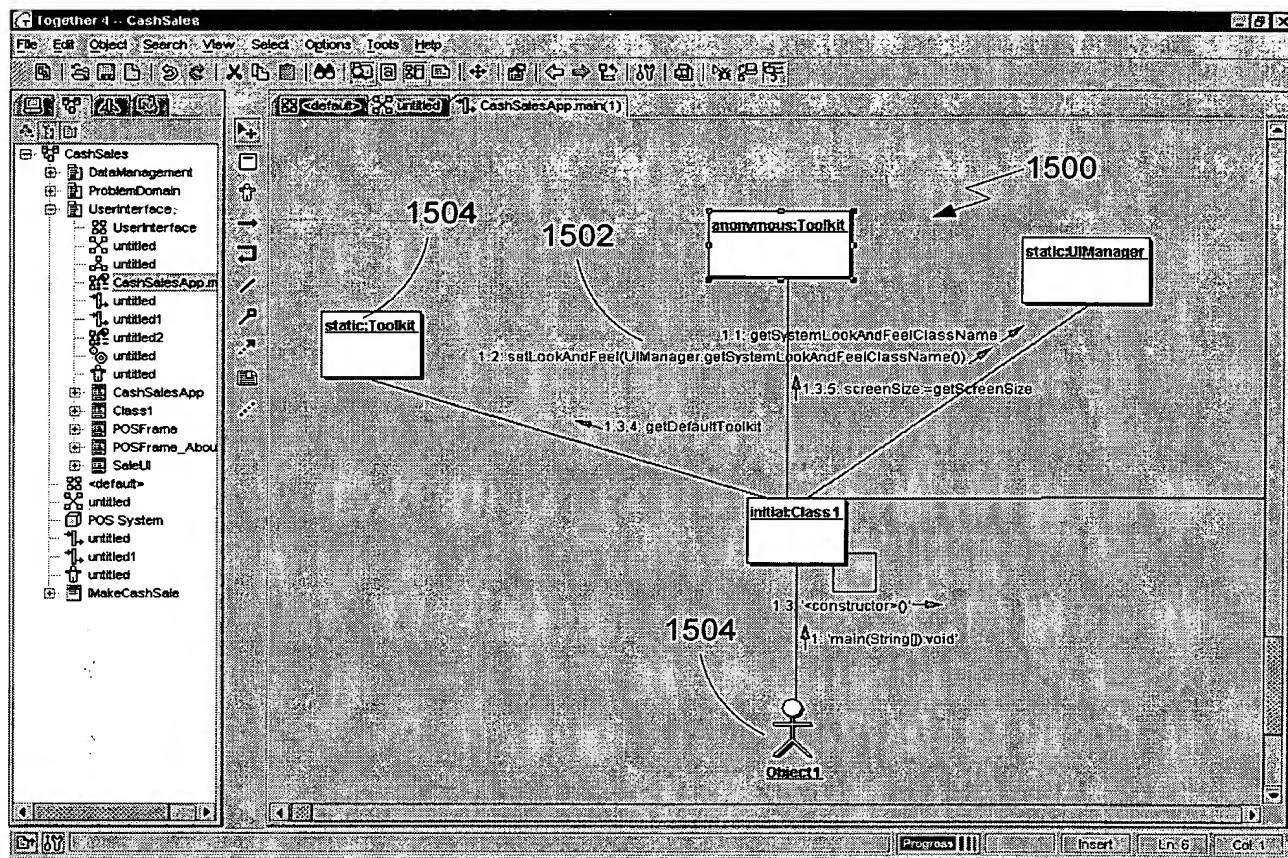


FIG. 15

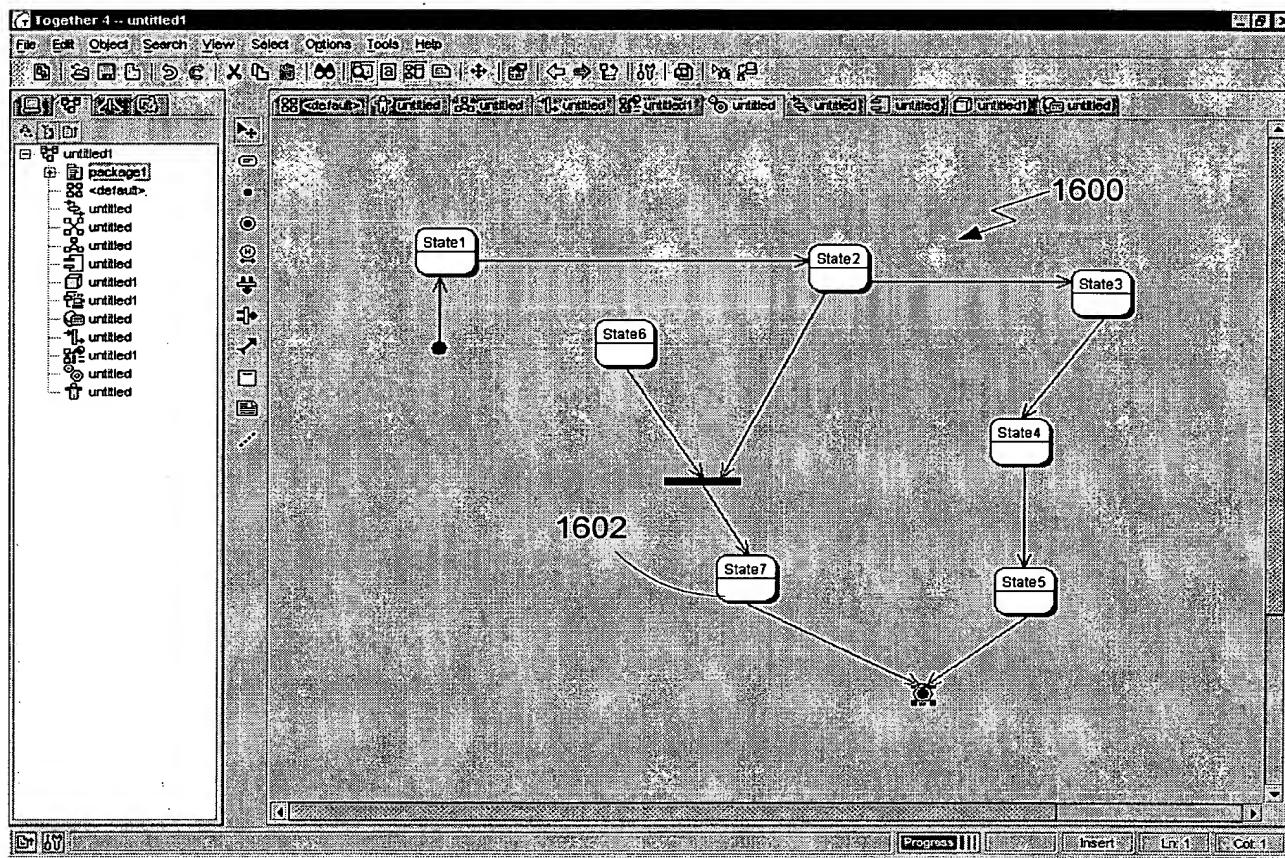


FIG. 16

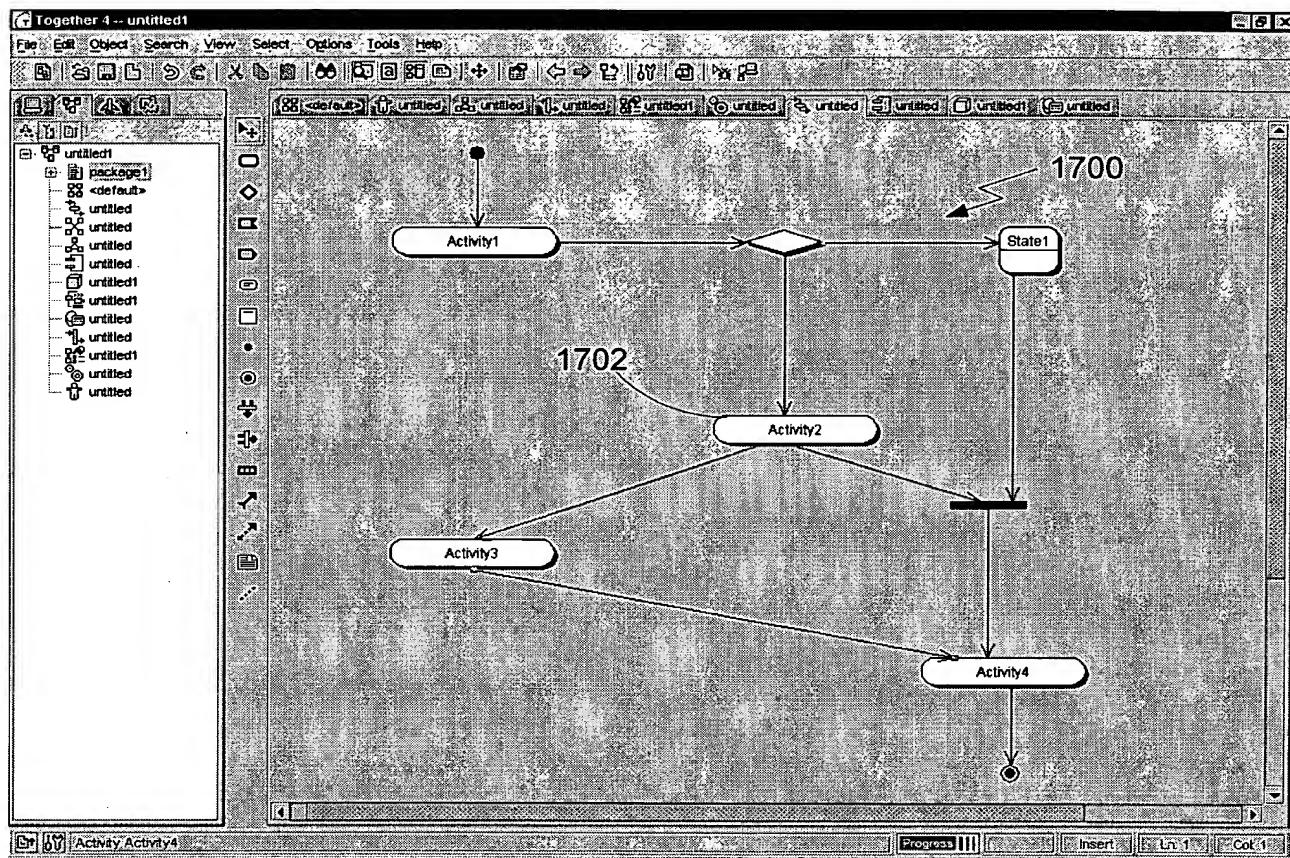


FIG. 17

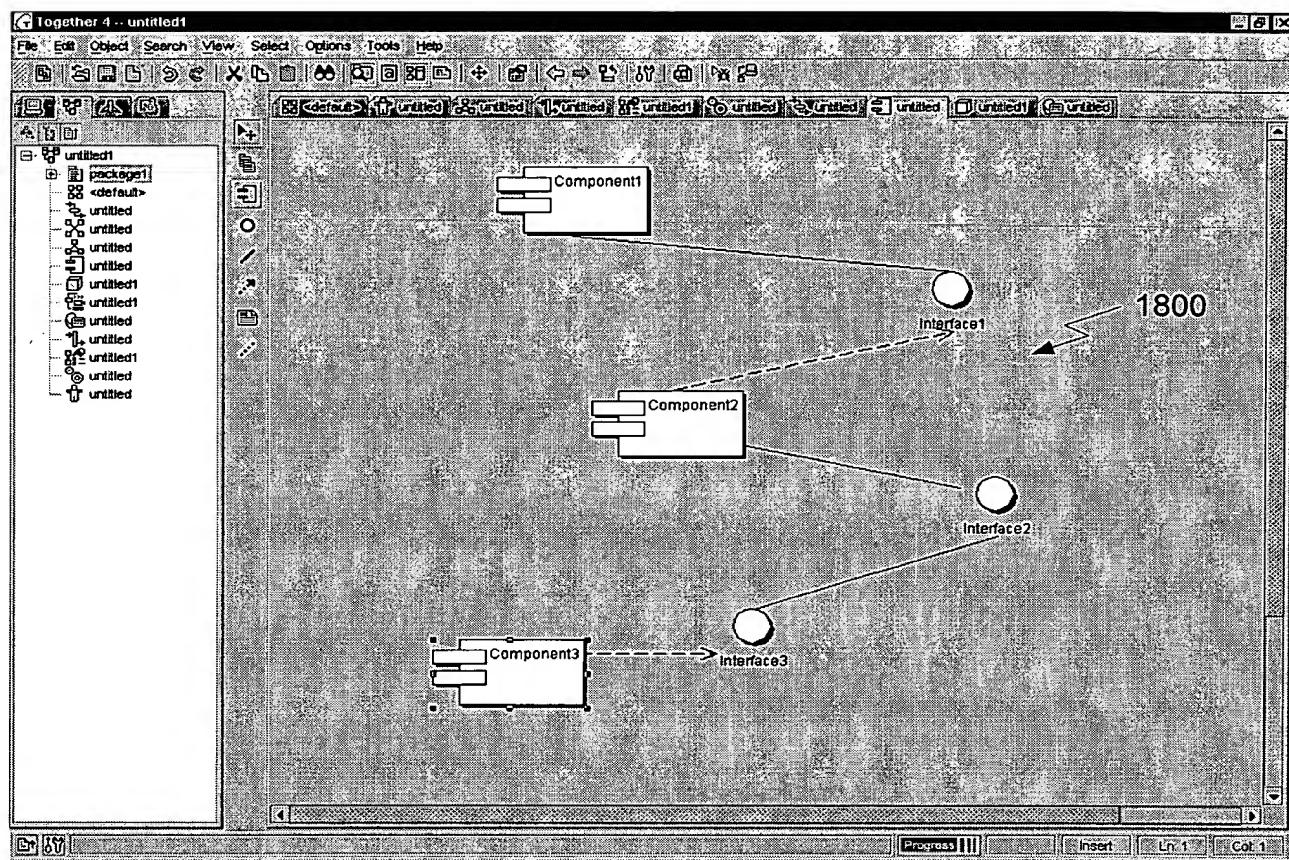


FIG. 18

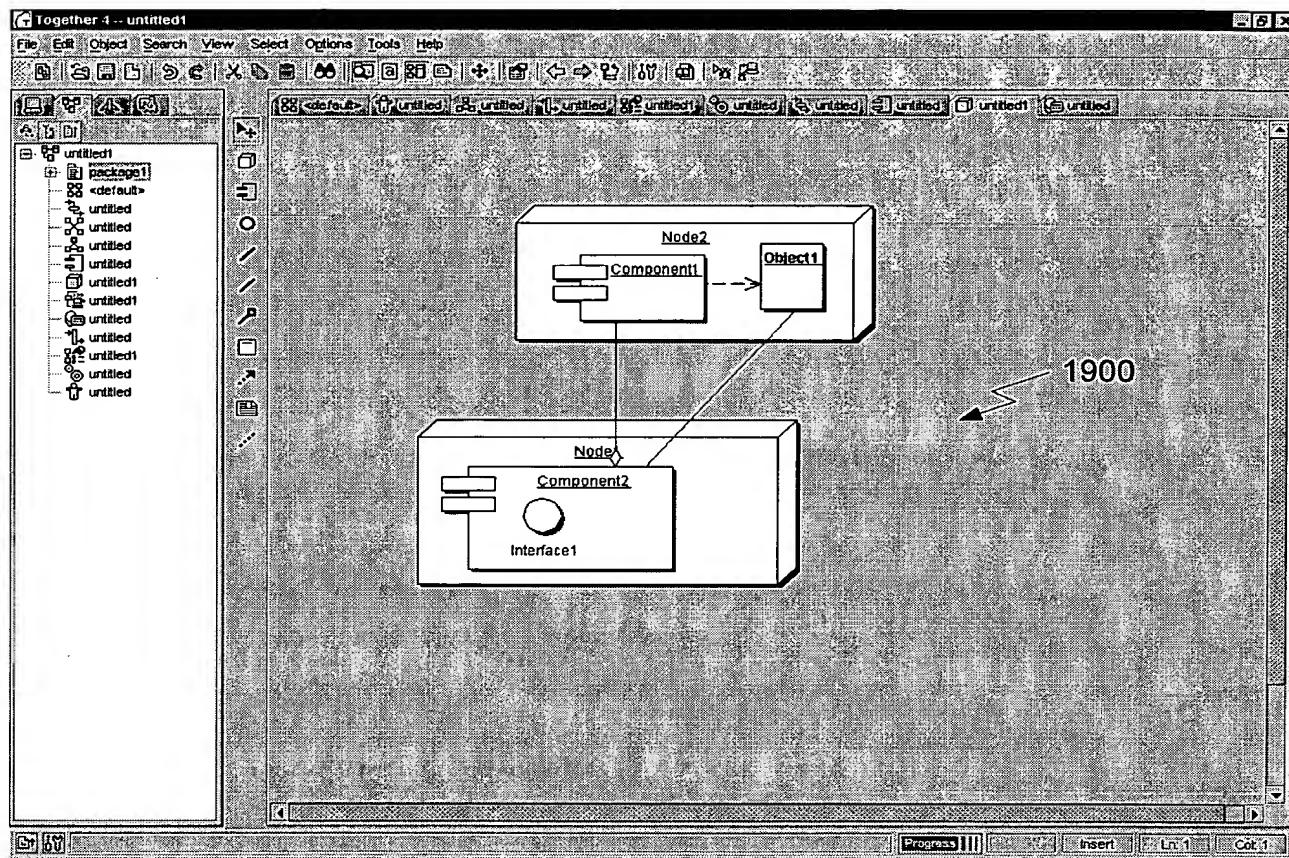
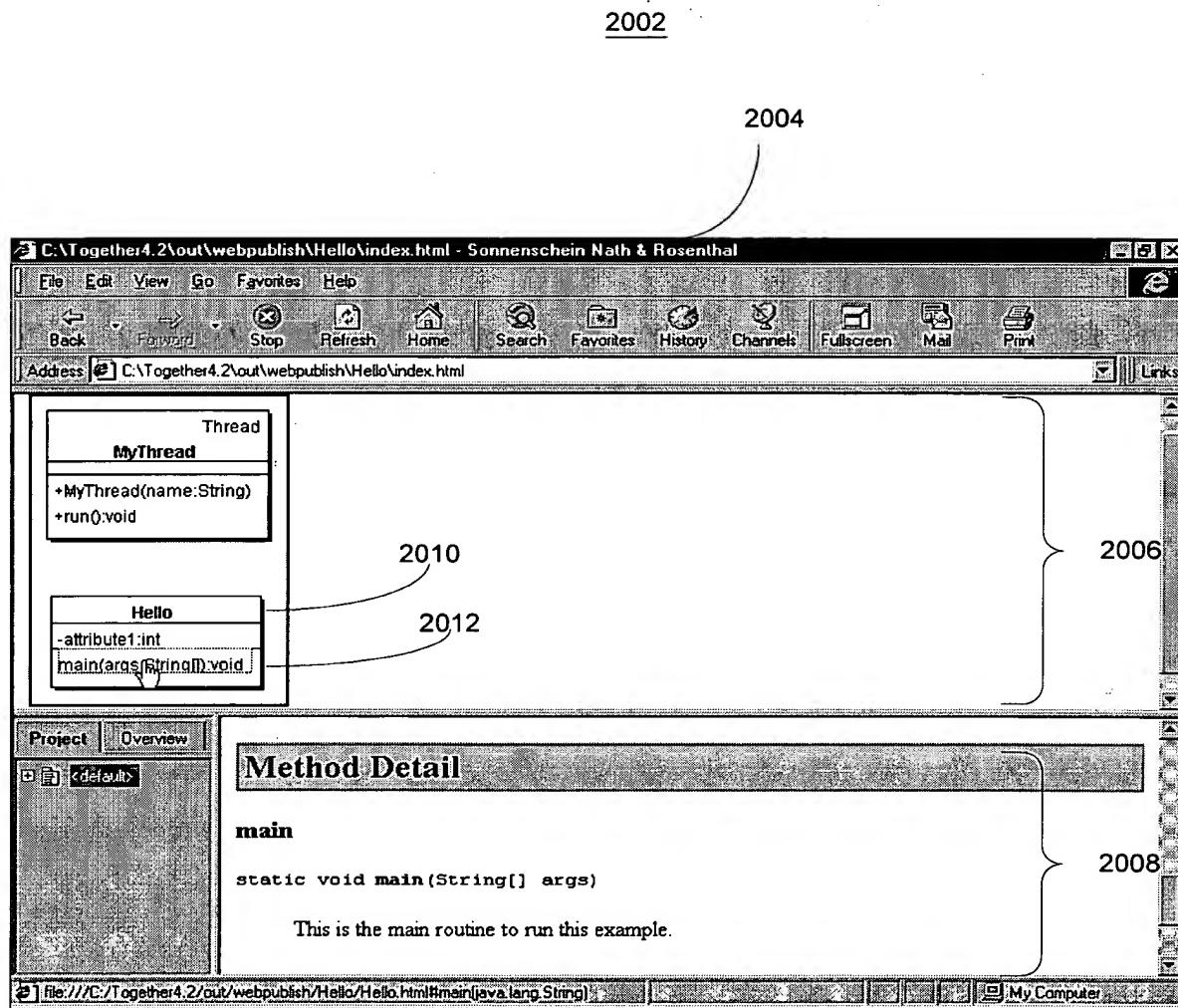
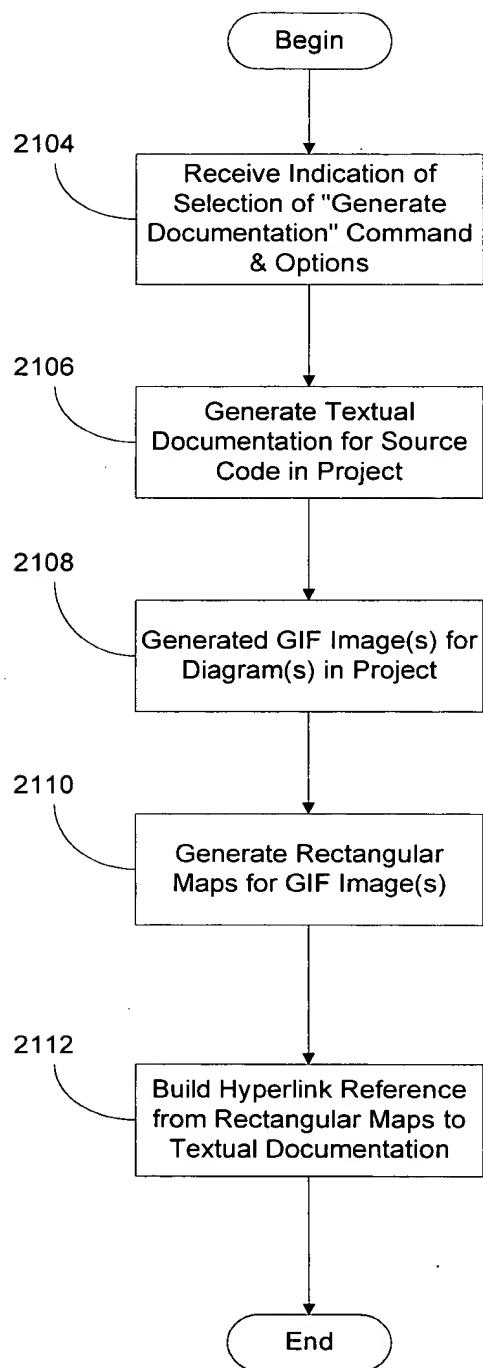


FIG. 19



**FIG. 20**



**FIG. 21**

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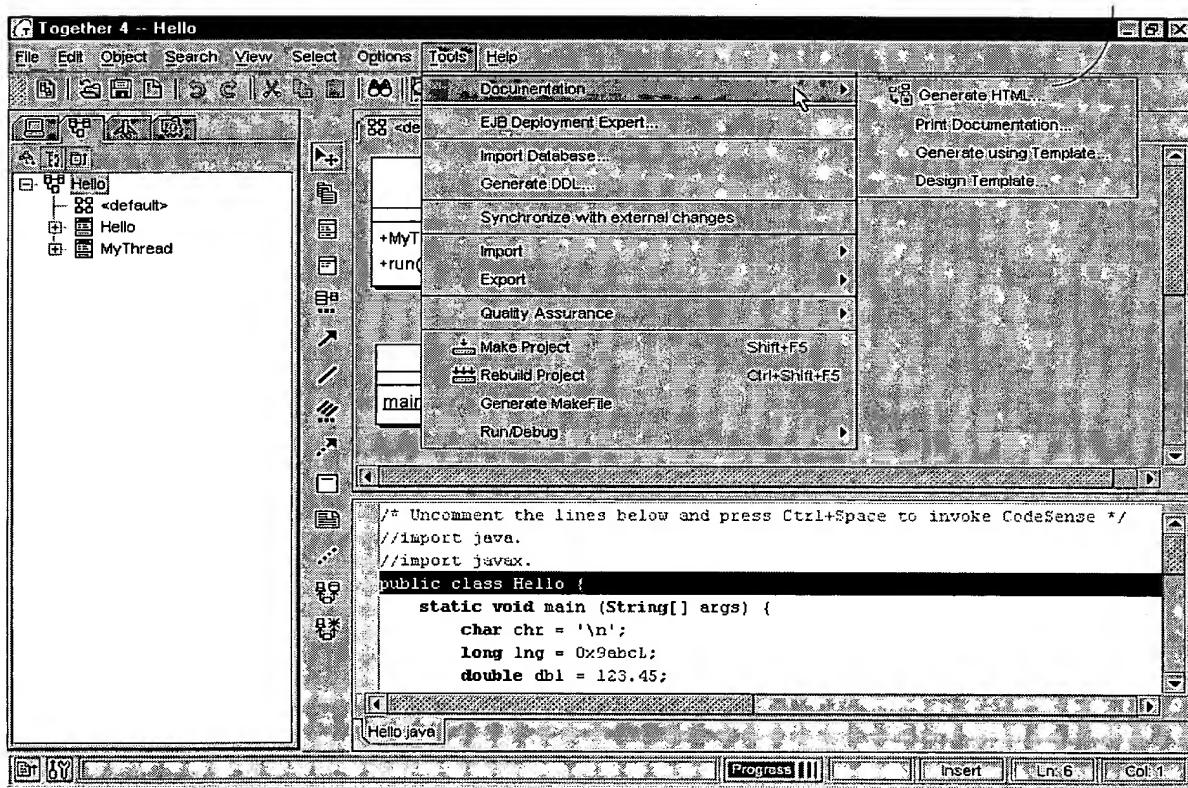


FIG. 22

2302



**FIG. 23**

```
2404  /* This is a sample class to allow exploration of various features of Together's run-time environment.
2404  * @author Together Developer
2404  * @version 1.0
2404  * @see MyThread
2404  */
2402  public class Hello {
2402  /* This is the main routine to run this example.
2402  */
2402  static void main (String[] args) {
2402  char chr = '\n';
2402  long lng = 0x9abcL;
2402  double dbl = 123.45;
2402  int zero = 0;
2402  String str = "Hello, Hello...";
2402  new MyThread("MyThread1").start();
2402  new MyThread("MyThread2").start();
2402  System.out.println(str);
2402  }
2402
2402  private int attributel;
2402 }
```

**FIG. 24**

---

## Class Hello

---

public class Hello

This is a sample class to allow exploration of various features of Together's run-time environment.

**Author:**

Together Developer

**Version:** 1.0

**See Also:** [MyThread](#)

---

### Method Summary

---

(package private) static void	<b>main</b> (String[] args)
----------------------------------	-----------------------------

This is the main routine to run this example.

---

### Method Detail

---

**main**

static void main(String[] args)

This is the main routine to run this example.

**FIG. 25**